



## CEFLA Finishing Group: the plastic finishing experience

The **CEFLA Finishing Group** will be participate at the **K 2007 Düsseldorf** in hall 04 – booth 4A39 in order to present a complete production finishing line for the application and drying of plastic surfaces.

Due to the high specialization of the finishing lines and lacquering processes for plastic tops, the **CEFLA Finishing Group** confirms again to be an industrial and technological leading group which is able to offer as well the best technical solutions for this special market. The outstanding features of its products have determined the continuous and constant industrial increase of the group on the sector of the wood finishing where CEFLA during the last decades has gained the undiscussed world-wide leadership.

On the exhibition K2007 perfectly running application machines and finishing lines, including curing ovens, will be presented in industrial dimensions in order to give a concrete and verifiable demonstration of the achievable results and the highly appreciated features of elevated application quality, reduced running costs, easy operating and drying efficiency, which characterise the complete series of machines produced by CEFLA.

During the show the following machines are exhibited:

- **Finishing line**, with spray application by the means of the automatic spraying machine **KLEENSPRAY FALCIONI**. This machine is processed by a throwaway paper coated conveyor which eliminates the cleaning times at the end of the working shifts. This system is based on the long experience of the CEFLA Group on the spray application sector. The main machine's features are:
  - Easy operating and high flexibility
  - Elevated finishing quality
  - High speed, efficiency and drastic waste reduction due to the special and patented colour change **JIT**; this system is especially suited to the lacquer application of small batches.

The curing is carried out by the in-line oven **AQUADRY** which integrates the best technologies for the drying of waterborne lacquers. The system combines laminar ventilation with high speed



air flow realized by the use of hot air blades in alternation with infrared lamps in order to accelerate the flash off process of the waterborne lacquers.

The final phase of the finishing line is processed by a curing oven with ultra-violet radiations, **UV2000** for the final drying and hardening of the top coat.

This finishing line is a tangible demonstration of the achievable results, that is elevated finishing quality by the use of the most modern coats with low environmental impact:

- 1) waterborne lacquers with quick drying by the means of hot air and IR lamps
- 2) waterborne lacquers with water evaporation by the means of hot air and IR lamps and final drying by the means of UV lamps.
- 3) lacquers with 100% solid with direct UV curing.

- **Printing line SMARTCOATER SORBINI:** for the easy and profitable printing on ABS bobbins due to the compact modular structure of the machine: width 350 mm. and 3 photo-engraved application rollers.

Application of UV inks with processing by curing ovens which are alternately placed to the printing rollers.

Independent forwarding and roller working speeds with inverter control; the printing phase is adjusted by the means of electronic driver on the printing rollers.

The winding and unwinding devices are equipped with a self-alignment system with optical sensor and pneumatic extraction of the bobbins.